



**TROPICAL CYCLONE BULLETIN NO. 6**

**Tropical Depression ROSAL**

Issued at 5:00 PM, 11 December 2022

Valid for broadcast until the next bulletin at 11:00 PM today

**“ROSAL” MAINTAINS ITS STRENGTH AS IT MOVES NORTHEASTWARD OVER THE PHILIPPINE SEA**

**Location of Center (4:00 PM):**

The center of Tropical Depression ROSAL was estimated based on all available data at **505 km East of Tuguegarao City, Cagayan (17.5°N, 126.5°E)**

**Intensity:**

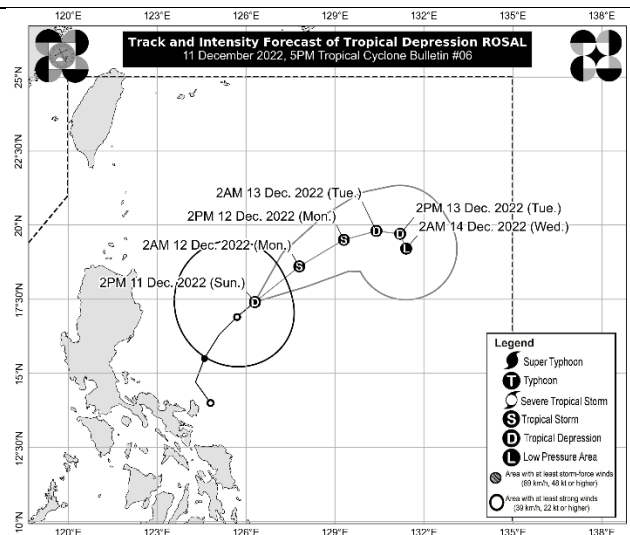
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **70 km/h**, and central pressure of **1000 hPa**

**Present Movement:**

**Northeastward at 15 km/h**

**Extent of Tropical Cyclone Winds:**

**Strong winds** extend outwards up to **280 km** from the center



**TRACK AND INTENSITY FORECAST**

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 2:00 AM 12 December 2022	18.6	127.8	650 km East of Aparri, Cagayan	65	TS	NE 15
<b>24-Hour Forecast</b> 2:00 PM 12 December 2022	19.5	129.3	825 km East of Extreme Northern Luzon	65	TS	ENE 15
<b>36-Hour Forecast</b> 2:00 AM 13 December 2022	19.8	130.4	940 km East of Extreme Northern Luzon	55	TD	ENE 10
<b>48-Hour Forecast</b> 2:00 PM 13 December 2022	19.7	131.2	1,020 km East of Extreme Northern Luzon	45	TD	E Slowly
<b>60-Hour Forecast</b> 2:00 AM 14 December 2022	19.2	131.4	1,045 km East of Extreme Northern Luzon	-	LOW	SSE Slowly

**TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT**

No Tropical Cyclone Wind Signals hoisted at this time.

Prepared by: **SMRR**

Checked by: **SFD**



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<b>HAZARDS AFFECTING LAND AREAS</b>
<p><b>Heavy Rainfall</b>            Aside from the rainshowers caused by the trough of ROSAL, the tropical depression is less likely to bring heavy rains in the country throughout the forecast period.</p> <p><b>Severe Winds</b>            In the next 24 hours, the surge of the Northeast Monsoon partly enhanced by this tropical depression may bring occasional gusts reaching gale-force over Batanes and Babuyan Islands, and strong breeze to near-gale strength over the Ilocos Norte, the northern and eastern portions of Cagayan, and the eastern portion of Isabela</p>
<b>HAZARDS AFFECTING COASTAL WATERS</b>
<ul style="list-style-type: none"> <li>• Under the influence of the surge of the Northeast Monsoon partly enhanced by ROSAL, a <b>marine gale warning</b> is in effect over the seaboard of Northern Luzon. For more information, refer to Gale Warning #25 issued at 5:00 PM today.</li> <li>• In the next 24 hours, the combined effects of the surge of the Northeast Monsoon and the tropical cyclone may also bring <b>moderate to rough seas</b> (1.5 to 3.5 m) over the seaboard of Central Luzon and the eastern and western seaboard of Southern Luzon. These conditions may be <b>risky for those using small seacrafts</b>. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.</li> </ul>
<b>TRACK AND INTENSITY OUTLOOK</b>
<p>Tropical Depression ROSAL is forecast to move generally northeastward or east northeastward today through Tuesday morning before turning generally south southeastward. In the near term, ROSAL may still intensify into a low-end tropical storm within 24 hours. However, increasingly unfavorable conditions associated within the monsoon surge by late Monday will result in a weakening trend. ROSAL may become a post-tropical low embedded along the leading edge of the monsoon surge by late Tuesday or Wednesday.</p>

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 PM today.

**DOST-PAGASA**

Prepared by: **SMRR**

Checked by: **SFD**